

FIG. 1

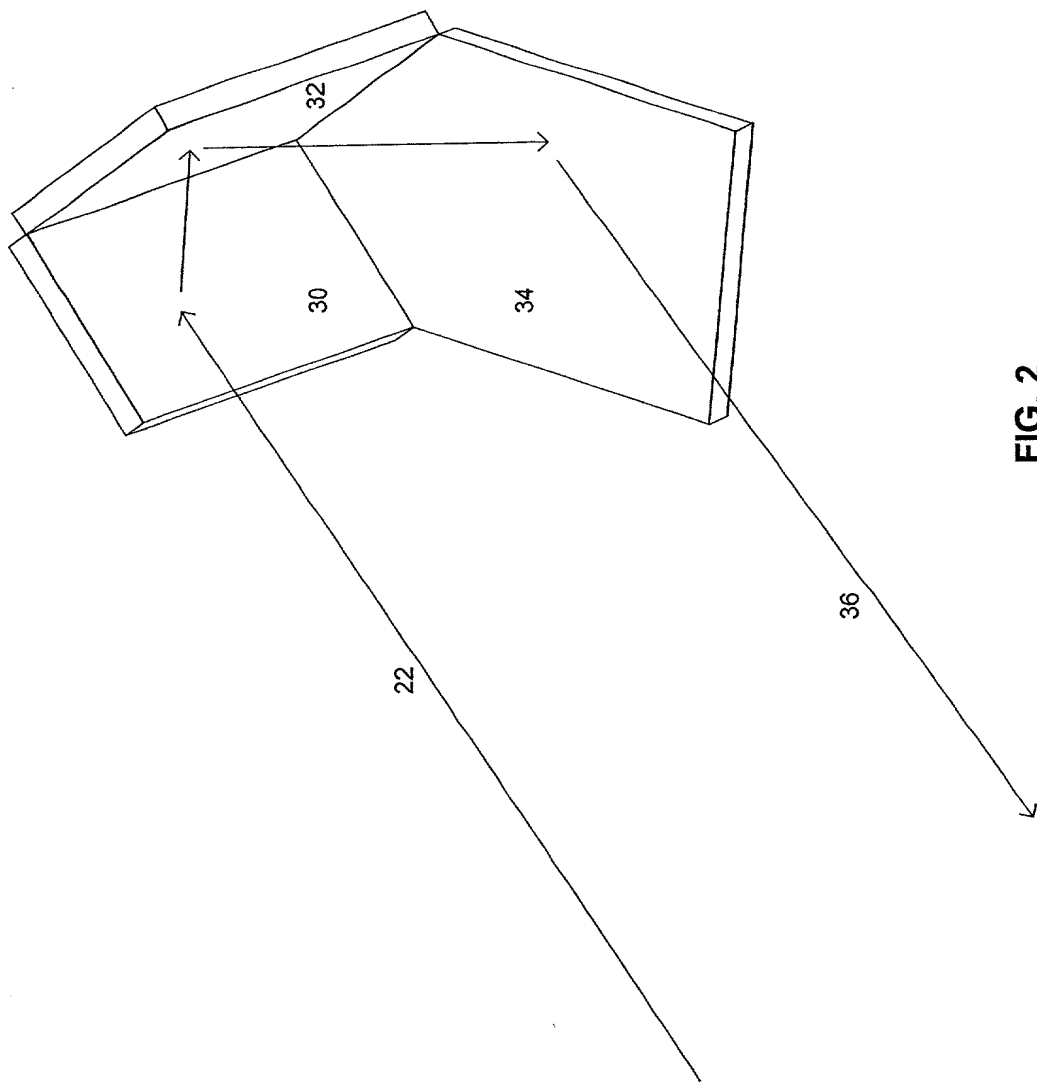


FIG. 2

FIG. 3 is a schematic diagram of a system for measuring the distance between a target and a sensor. The system includes a sensor 35, a target 38, a sensor housing 36, a sensor housing 40, a sensor housing 42, a sensor housing 43, a sensor housing 44, a sensor housing 46, a sensor housing 48, a sensor housing 50, and a sensor housing 52.

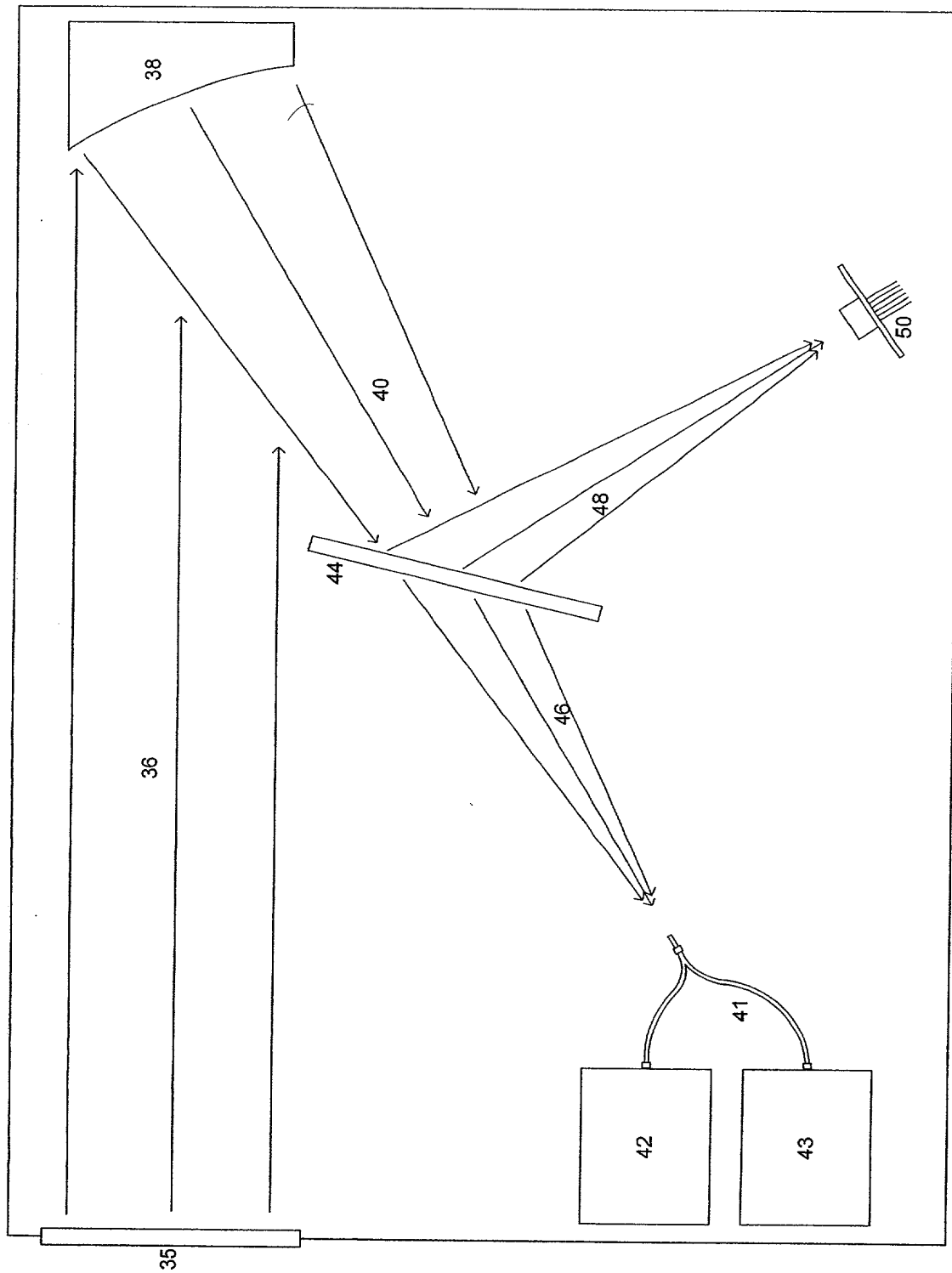


FIG. 3

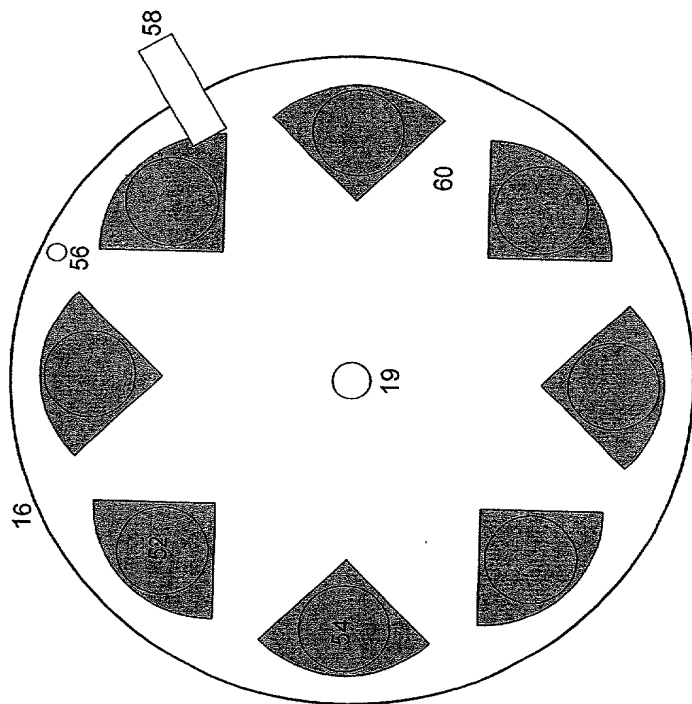


FIG. 4

FIG. 5 is a perspective view of the system of FIG. 1, showing the system in a position where the system is in a position to receive a signal from a source of radiation.

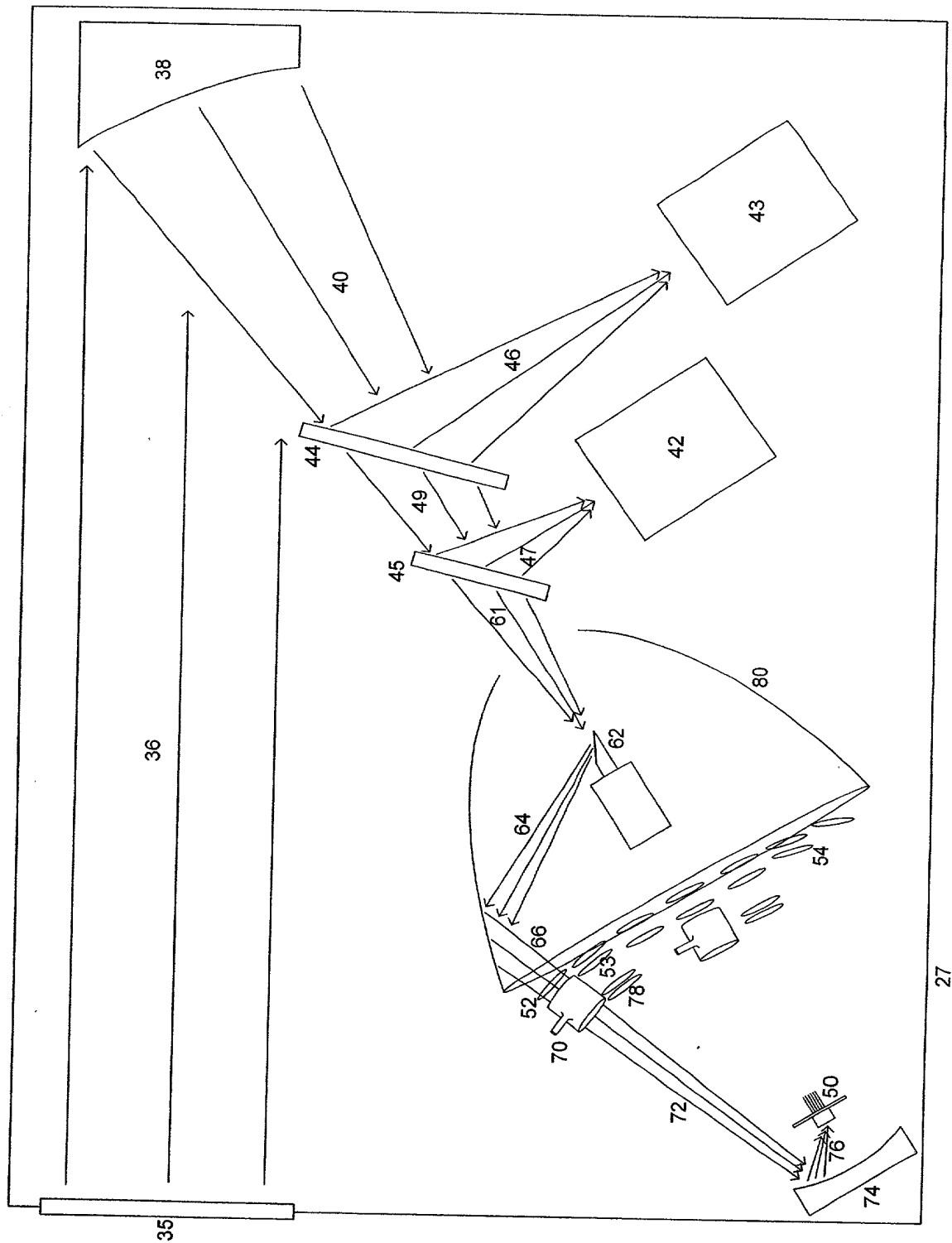


FIG. 5

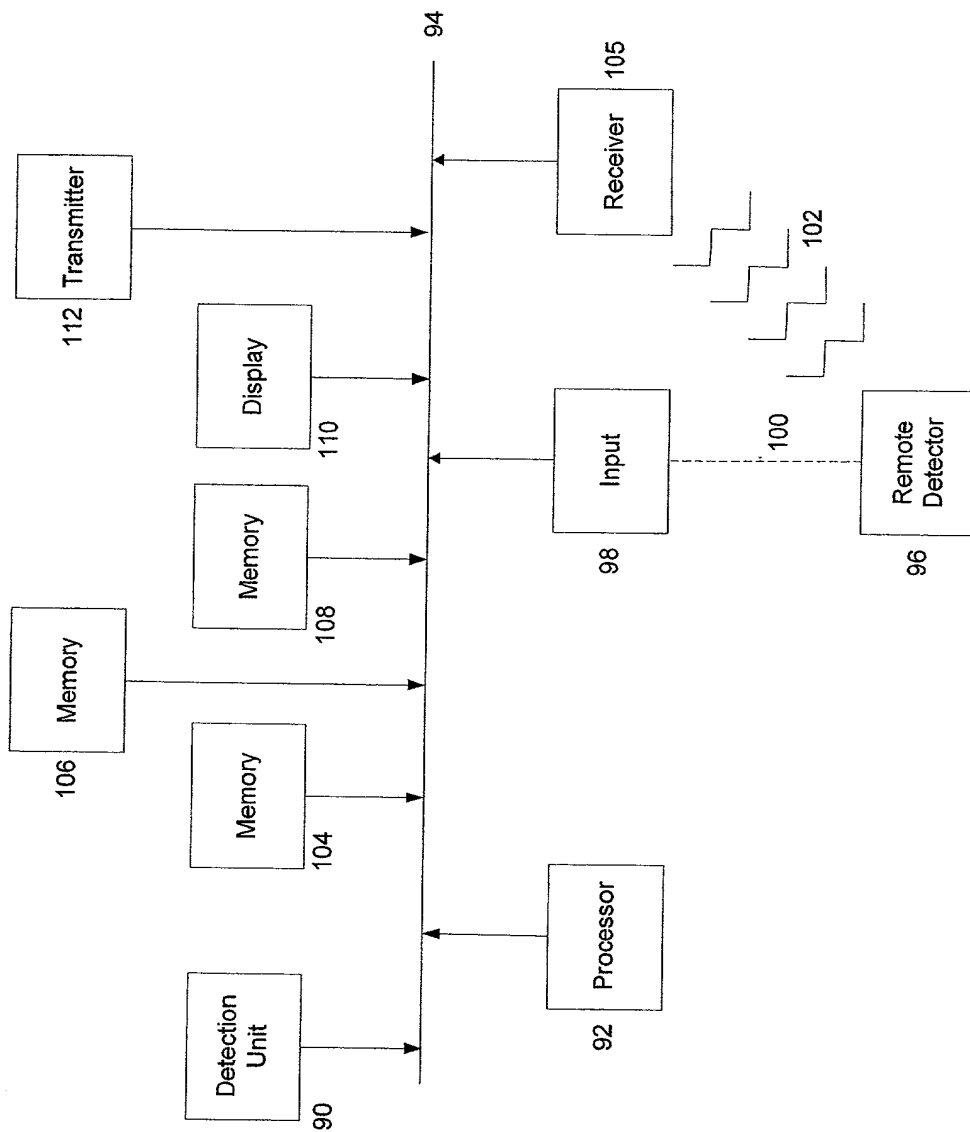


FIG. 6

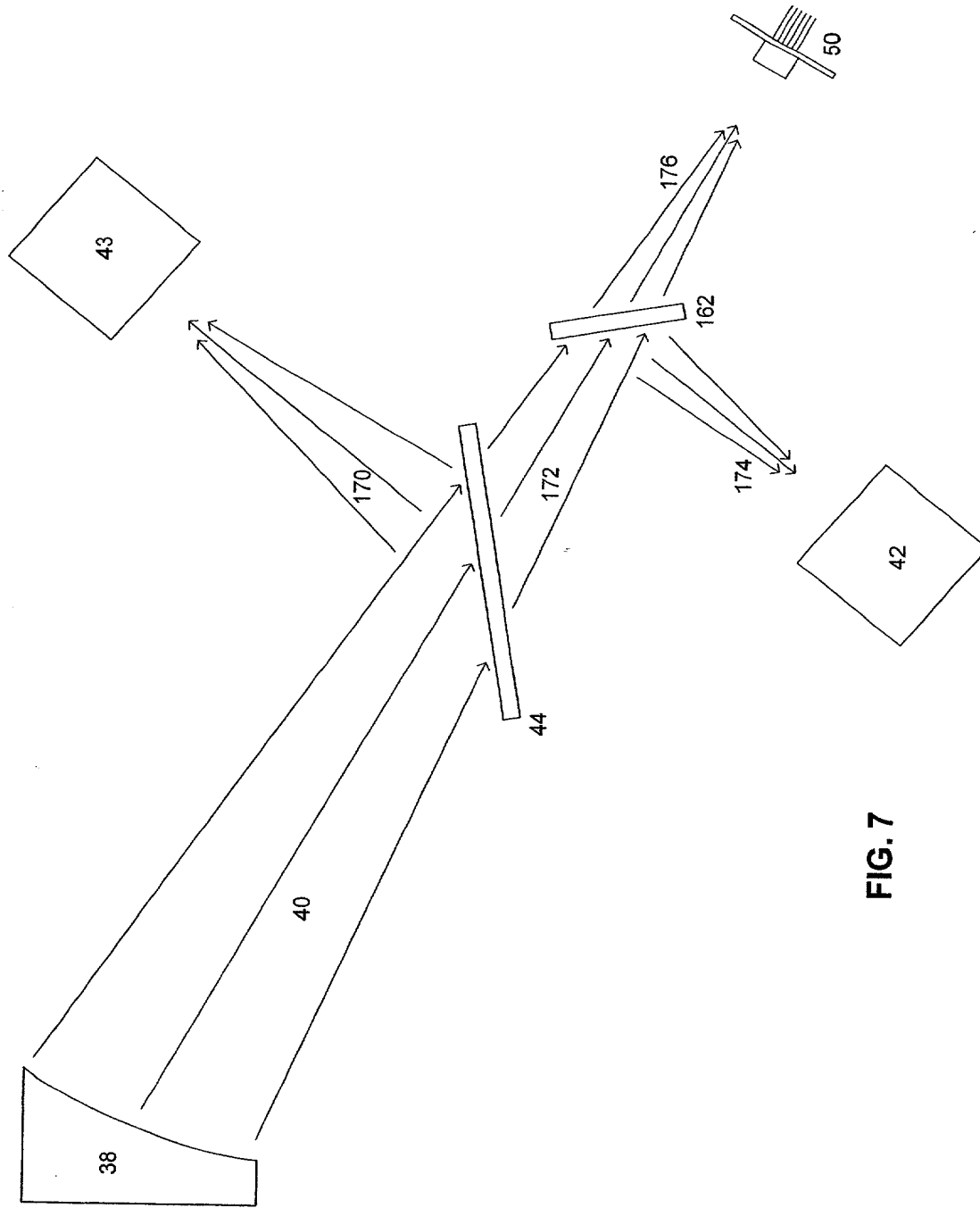


FIG. 7

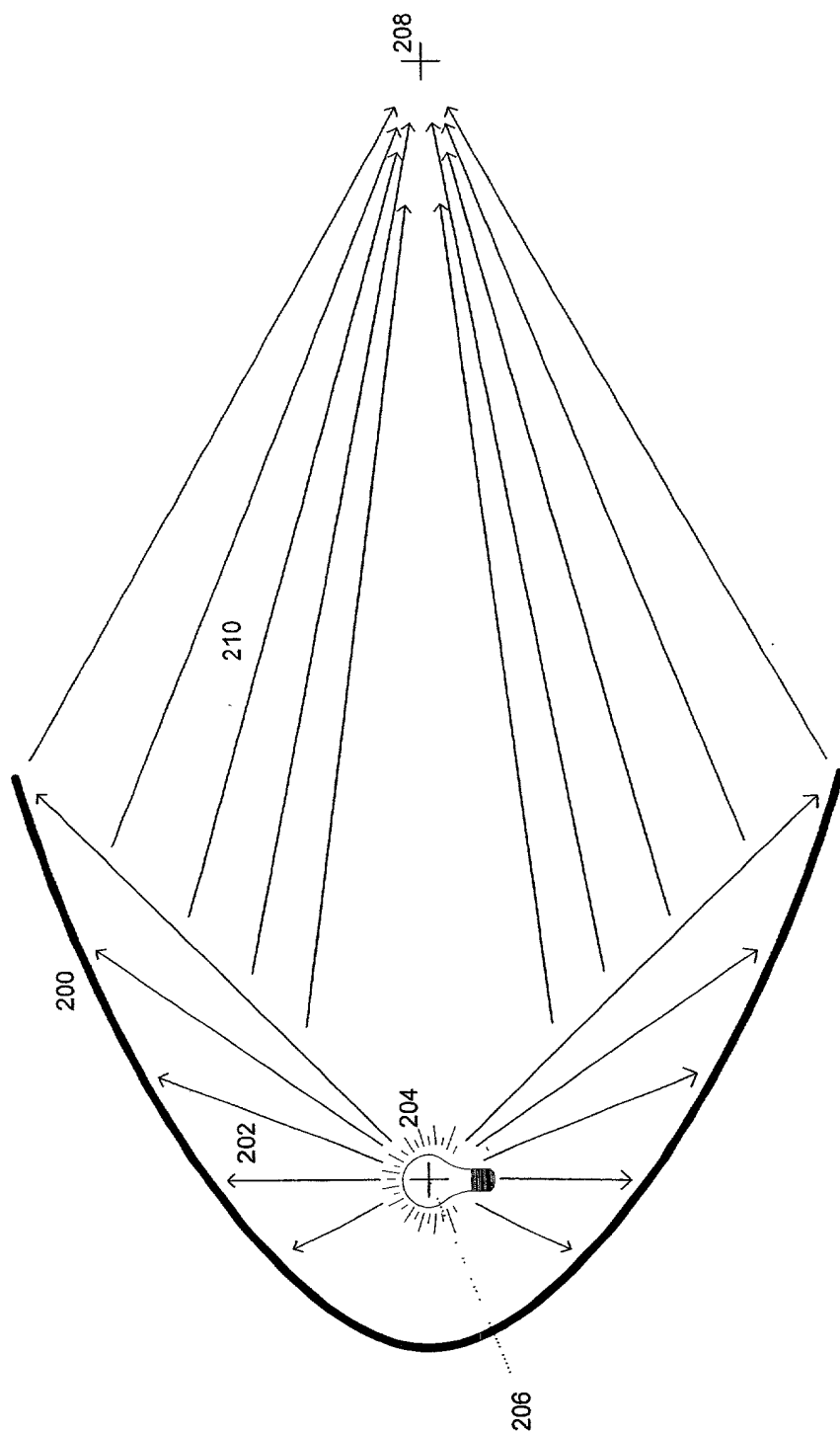


FIG. 8

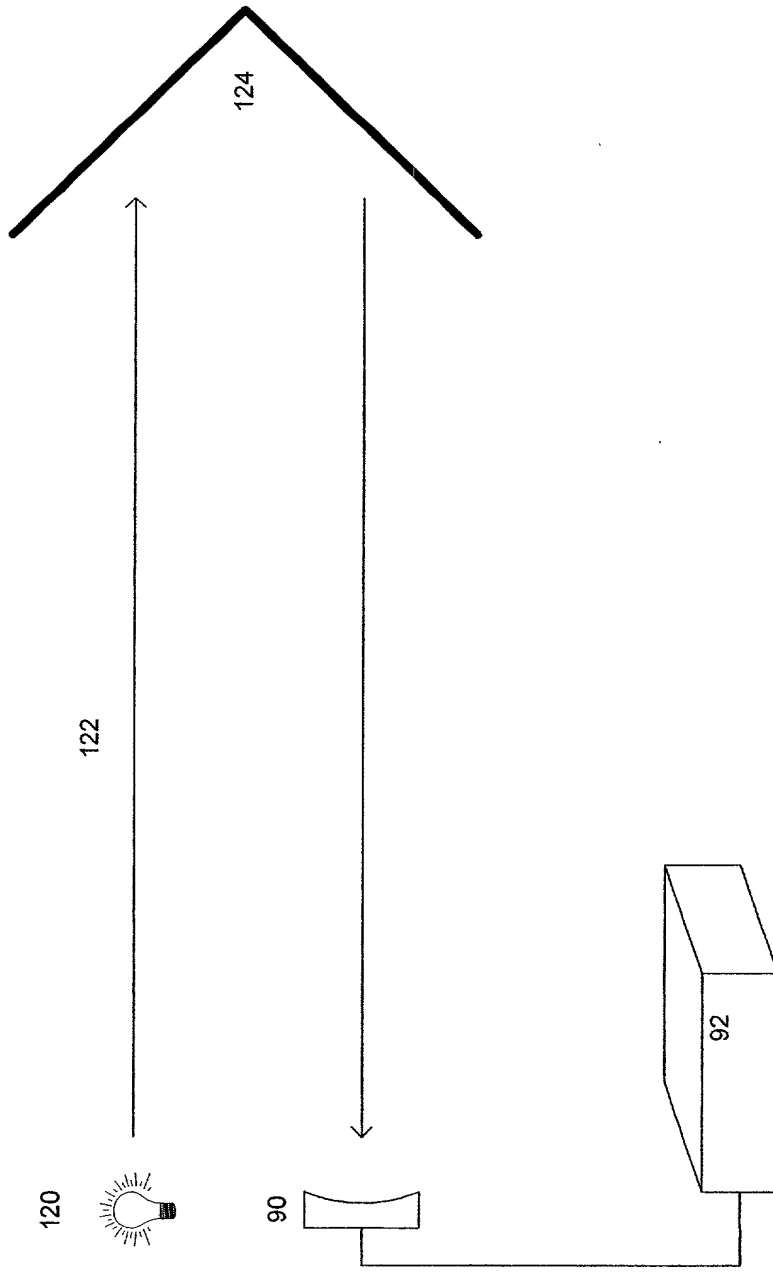


FIG. 9

upon entry, light rays are reflected by the surface of the lens and are directed towards the light source.

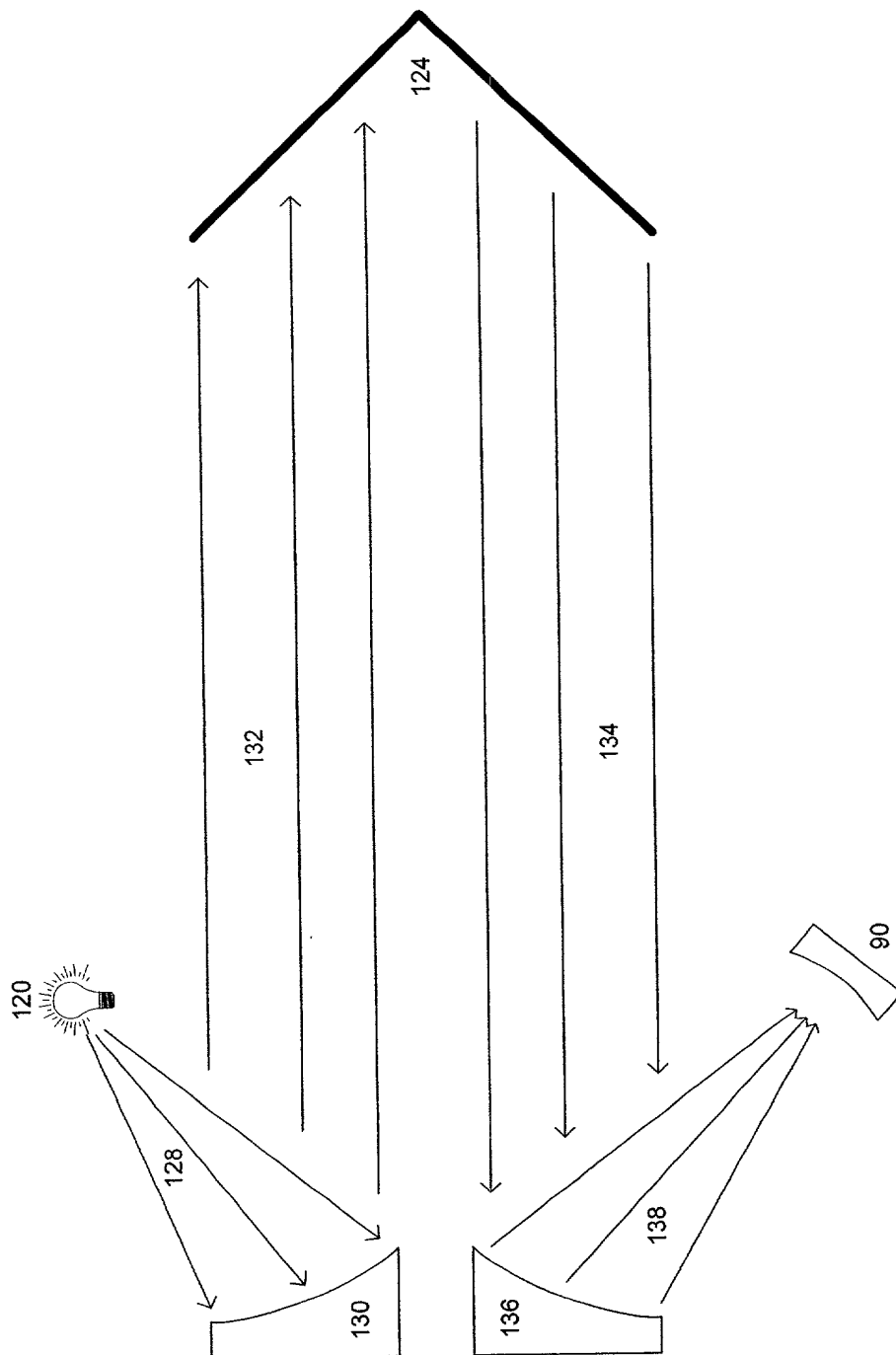


FIG. 10

FIG. 11 is a schematic diagram of a light fixture 180 in accordance with the present invention. The light fixture 180 includes a light source 184, a reflector 182, and a lens 186. The light source 184 is positioned at the center of the reflector 182, and the lens 186 is positioned at the bottom of the reflector 182. The light fixture 180 is shown in a cross-sectional view, with the light source 184 emitting light rays 188 that are reflected by the reflector 182 and pass through the lens 186. The light fixture 180 is also shown in a perspective view, with the light source 184 emitting light rays 188 that are reflected by the reflector 182 and pass through the lens 186.

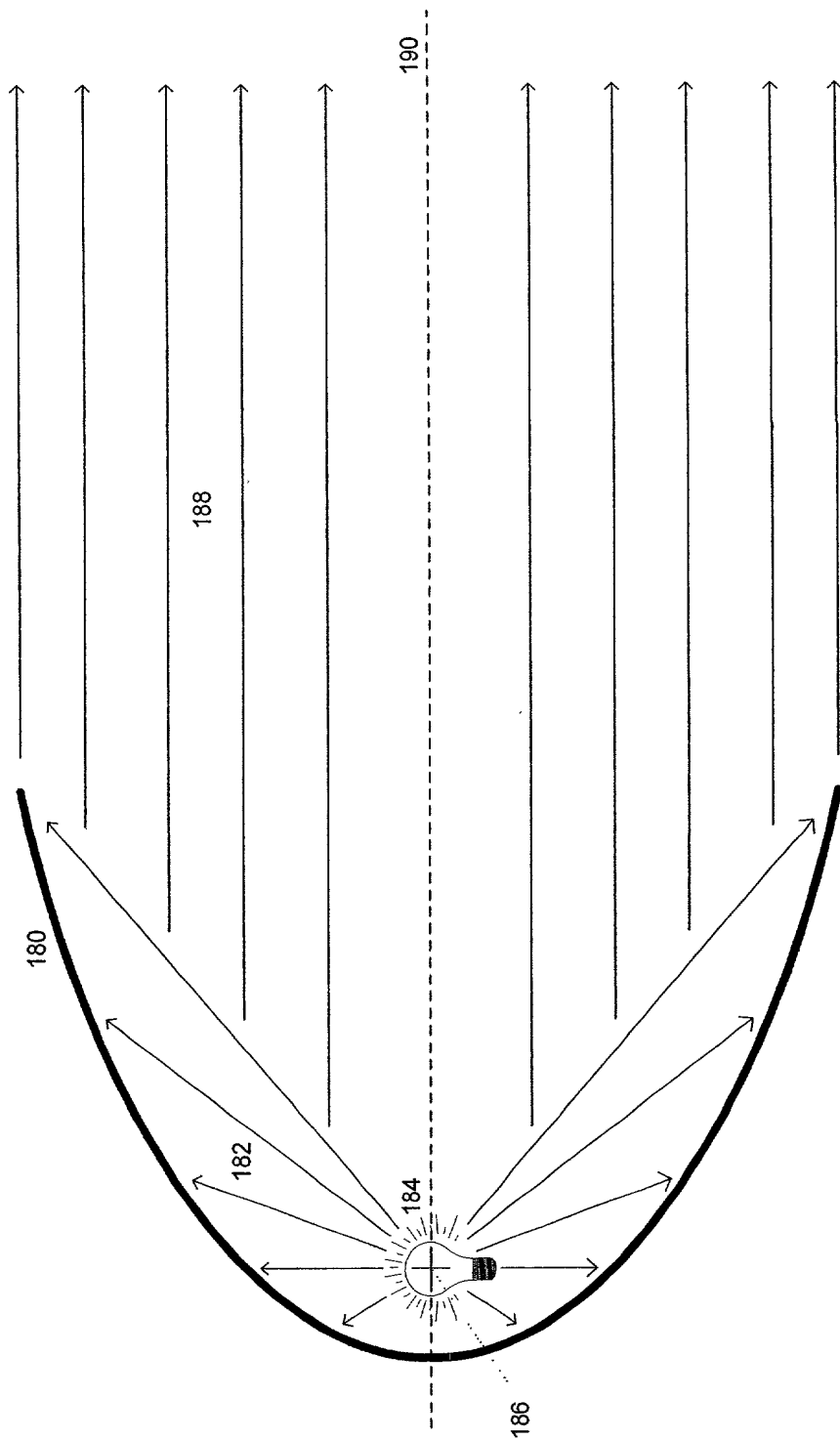


FIG. 11

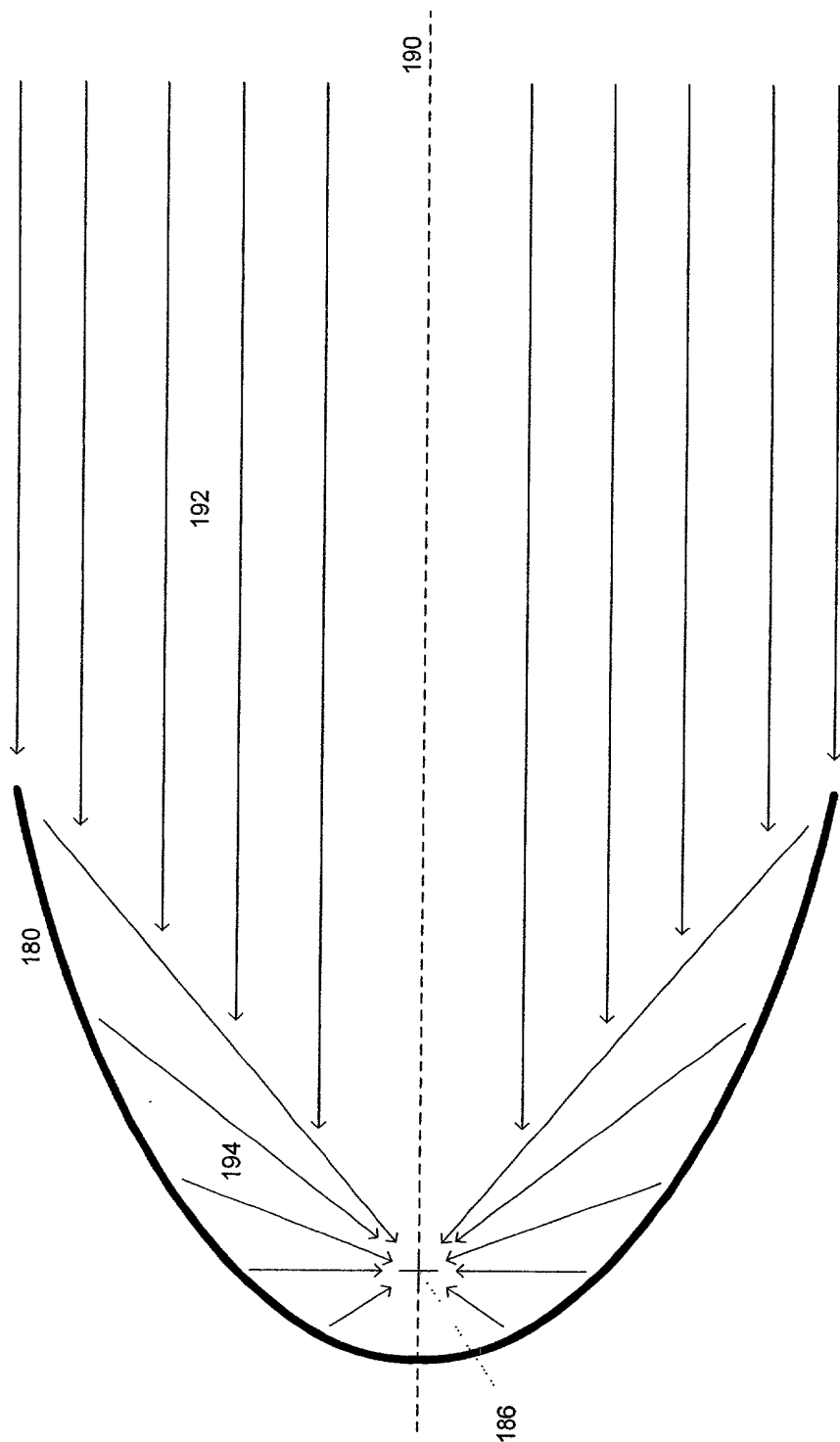


FIG. 12

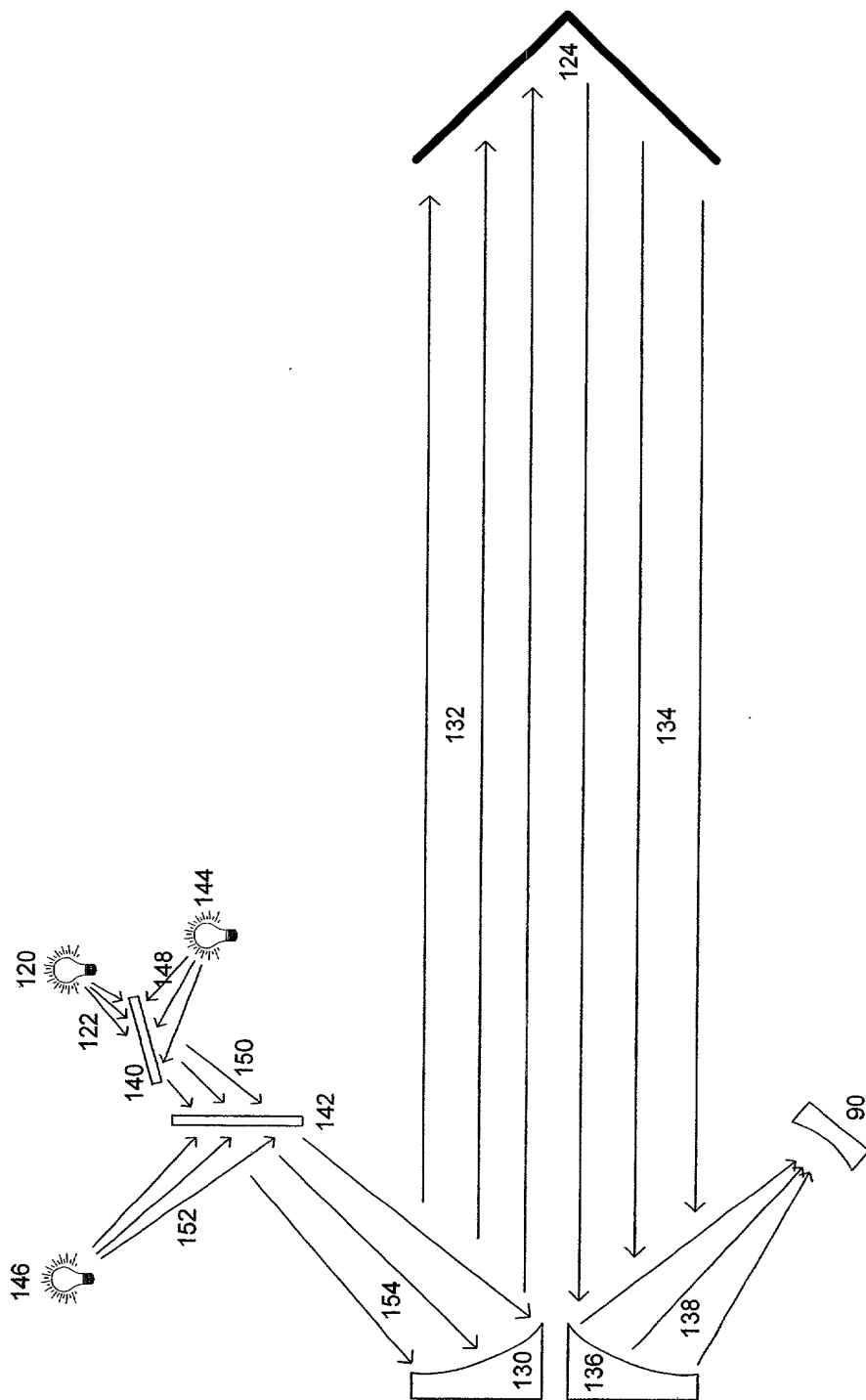


FIG. 13

